(c) NTPC proposes to finance the project with a debt-equity ratio of 7030 from market borrowings, external commercial borrowing and the internal resources of the company. The project has also been posed to the World Bank for part financing under the time-slice' loan.

(d) and (e) Yes, Sir. The Tamil Nadu State Electricity Board desired 95 MW of power Kayamkulam project, but has not signed a Power Purchase Agreement on the same lines as Signed by the Kerala State .Electricity Board. Therefore, it is proposed to supply full power from this project to Kerala.

Rengali Hydro-Electric Project

3470. SHRI RAHASBIHARI BARIK: Will the Minister of POWER be pleased to state:

(a) whether the Rengali Hydro-Electric Project has been completed;

(b)if so, how many units of that project have been commissioned so far;

(c) the capacity of that project; and

(d) the steps taken to make that project feasible for secondary generation of power?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL): (a) to (d) Two units of Rengali Hpdro-electric Project Stage-I (2X50 MW) were commissioned in August 1985 and March 1986. Subsequently three more units each of 50 MW under Rengali Stage-II were commissioned in August 1989, March 1990 and August 1992 respectively. Average Secondary energy generation is 225 Gwh per annum from Rengali Hydro-electric Project.

Target set for generation of power

3471. SHRI BHAGABAN MAJHI: Will the Minister of POWER be pleased to state:

(a) whether the Central Electricity Authority (CEA) has set higher target for Che generation of power during 1992-97;

(b) if so, the details thereof; and

(c) the achievement made so far, the year-wise details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL): (a) and (b) The capacity addition target fixed for the Eighth Plan is 30537.7 MW against which, as per the latest assessment of the Central Electricity Authority, 20729.7 MW of new generation capacity is expected to be added during the plan period.

(c) The year-wise details of achievement made so far are given below:-

Year	Achievement(MW)
1992-93	3537.27
1993-94	4538.75
1994-95	4598.50

Execoiion of Power Projects

3472. SHRI GHUFRAN AZAM: Will the Minister of POWER be pleased to to state:

(a) the details of power plants with their locations projected for execution and generation of electrtcity during the next three years;

(b) whether it is a fact that CEA has been delaying the process of identification of projects due to one or the other reasons; and

(c) if so, the facts and details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL):

(a) Details are given at Statement *(See* below).

(b)and (c) There has been no delay by Central Electricity Authority in the identification process of power projects..

Statement

Details of Power Projects under construction an expected to be commissioned during the next three years

S.No.	Name of the Project/Location	Capacity (MW)
	Thermal	
	Northern Region	
1.	Waste Heat Recovery Unit 2 & 3 (DESU) (Delhi)	2×34
2.	Panipat St. IV Unit 6 Karnal (Haryana)	210
3.	GNDTP Bhatinda St. III 5 & 6 Bhatinda (Punjab)	2×210
4.	Suratgarh -- 1 & 2, Ganga Nagar (Rajasthan)	2×250
5.	Ramgarh GT Extn. Jaisalmer (Rajasthan)	35.5
6.	Tanda Unit - 4, Faizabad (Uttar Pradesh)	110
	Western Region	
1.	Kutch Lignite Unit-3, Kutch (Gujarat)	75
2.	Uran Waste Heat Unit-3, Raigad (Maharashtra)	120
3.	Chandrapur TPP Unit-7, Chandrapur (Maharashtra)	500
4.	Sanjay Gandhi PP Unit-3 & 4, Shahdol (Madhya Pradesh)	2×210
	Southern Region	
1.	Rayalseema St. II, Cuddapah (Andhra Pradesh)	2×210
2.	Kothagudam TPP St. V, Khammam (Andhra Pradesh)	2×250
3.	Brahampuram DG Sets, Earnakulam (Kerala)	5×20
4.	Karaikal Combined Cycle Project, Pattinam (Kerala)	3×5 GT+ 1×7.5ST
5.	North Madras TPP 3, Chinglaput (Tamil Nadu)	210
6.	Basin Bridge GT, Madras (Tamil Nadu)	4×30
	Eastern Region	
1.	Tenughat Unit-2, Giridih (Bihar)	210
2.	Tenughat St. II Unit 3 & 4, Giridih (Bihar)	2×210
3.	Khalgaon STPS (NTPC) Unit-4, Bhagalpur (Bihar)	210
4.	Mejia- 1,2,3 (DVC), Bankura (West Bengal)	3×210
5.	Farakka St. III (NTPC) Unit-6, Murshidabad (West Bengal)	500
6.	Ib Valley Ph. I (OPGC) Unit-2, Jharsuguda (Orissa)	210
7.	Talcher STPP Unit-2, Dhenkanal (Orissa)	500

S. No.	Name of the Project/Location		Capacity (MW)
	North Eastern Region		
1.	Kathalguri CCGT (NEEPCO)	GT– 4, 5 & 6 . . . . GT :	3×33.5
	Dibrugarh (Assam)	ST– 1, 2 & 3 . . . + ST :	3×30
2.	Rokhia GT, West Tripura (Tripura)		2×8
	Private/joint Sector		
1.	Barsingsar Lignite, Bikaner (Rajasthan)		2×210
2.	Pench TPP, Chindwara (Maharashtra)		2×210
3.	Korba West , Bilaspur (Madhya Pradesh)		2×210
4.	Khaperkheda– 3 & 4, Nagpur (Maharashtra)		2×210
5.	Visakhapatnam , (Andhra Pradesh)		2×500
6.	Neyeli Zero, Sourth Arcot (Tamil Nadu)		1×210
7.	Budge Budge, South Paragana (West Bengal)		2×250
8.	Ib Valley Ph. II, Jharsuguda (Orissa)		2×210
9.	Amguri CCGT, Sibsagar (Assam) . . . . . GT :		8×30
		+ ST :	4×30
	Hydel		
	Northern Region		
1.	Dadupur, Yamuna Nagar (Haryana)		4×1.5
2.	Baner, Kangra (Himachal Pradesh)		3×4
3.	Gaj, Kangra (Himachal Pradesh)		3×3.5
4.	Thirot, Lahaulspiti (Himachal Pradesh)		3×1.5
5.	Upper Sindh-II, Srinagar (Jammu & Kashmir)		2×35
6.	Kargil, Kargil (Jammu & Kashmir)		3×1.25
7.	Uri. Baramula (Jammu & Kashmir)		4×120
8.	Ranjit Sagar. Gurdaspur (Punjab)		4×150
9.	Sobla, Pithoragarh (Uttar Pradesh)		2×3
10.	Tehri St. I, Tehri (Uttar Pradesh)		4×250
	Western Region		
1.	Kadana PSS Extn., Panchmaal (Gujarat)		2×60
2.	Sardar Sarover, Bharuch (Gujarat)		6×200 +5×50

S. No.	Name of the Project/Location	Capacity (MW)
3.	Rajghart, Lalitpur / Guna (U.P./M.P.)	3×15
4.	Surya, Thane (Maharashtra)	1×6
5.	Bhandardara St. II. Ahmednagar (Maharashtra)	1×34
6.	Warna, Sangli (Maharashtra)	2×8
7.	Koyna St. IV, Ratnagiri (Maharashtra)	4×250
8.	Dudhganga, Kolhapur (Maharashtra)	2×12
9.	Dimbhe, Pune (Maharashtra)	1×5
Southern Region		
1.	Srisailam LBPH, Karnool (Andhra Pradesh)	6×150
2.	Singur, Medak (Andhra Pradesh)	2×7.5
3.	Kalinadi St. II, North Kanara (Karnataka)	3×40 +3×50
4.	Brindavan, Mandya (Karnataka)	2×6
5.	Bhadra RBC, Shimoga (Karnataka)	1×6
6.	Sharavathi T.R., North Kanara (Karnataka)	4×60
7.	Lower Periyer, Idukki (Kerala)	3×60
8.	Malankara, Idukki (Kerala)	2×3.5
9.	Kakkad, Quilon (Kerala)	2×25
10.	Poringalkuthu LB Extn., Trichur (Kerala)	1×16
11.	Anakkayam, Trichur (Kerala)	2×4
12.	Lower Bhawani Dam, REC, Periyar (Tamil Nadu)	2×4
13.	Sathanur Dam, Sambuvarayar (Tamil Nadu)	1×7.5
Eastern Region		
1.	Eastern Gandak, West Champaran (Bihar)	3×5
2.	Sone Easter Canal, Aurangabad (Bihar)	2×1.65
3.	Chandil, Singhbhum (Bihar)	2×4
4.	North Koel, Palamu (Bihar)	2×12
5.	Upper Indravati, Nowarang & Kalahandi (Orissa)	4×150
6.	Potteru, Koraput (Orissa)	2×3
7.	Rammam St. II, Darjeeling (West Bengal)	4×12.5
8.	Teesta Falls. I to IV, Darjeeling & West Dirlajpur (West Bengal)	3×3×7.5

S. No.	Name of the Project/Location	Capacity (MW)
	Norther Eastern Region	
1.	Nurananga, Tawang (Andhra Pradesh)	3×2
2.	Ranganadi, L. Subansiri (Andhra Pradesh)	3×135
3.	Dhansiri, Darrang (Assam)	20
4.	Kopilit Extn., Assam Mafib (Assam)	2×50
5.	Ranjit-III. West Sikkam (Sikkam)	3×20
6.	Doyang, Wokha (Nagaland)	3×25
	Private Sector	
1.	Guntur Br. Canal-I, Guntur (Andhra Pradesh)	2×2
2.	Guntur Br. Cannal-II, Guntur (Andhra Pradesh)	2×2.25

MOUs signed on power projects by Andhra Pradesh Government

3473. SHRI CHIMANBHAI MEHTA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that Andhra Pradesh Government has signed MOUs on, power projects wthout going for competitive bidding thus defying the Central Government's • guidance;

(b) if so, what is the response of Government thereto; and

(c) the details of number of MOUs signed alongwith the quantum of investment?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL): (a) to (c) The Government of India has made competittve bidding mandatory for solicit ing private power projects" through instructions issued on 18th January, 1995. Hoever the cut-off date has been kept as 18th February, 1995. As per the information received from the Government of Andhra Pradesh, the details of the MOUs signed are given tace the Statement.

Statement

Details of expression of interests by Private Sector Companies (with MOU date)

Sl. No.	Name of Project	Capacity (MW)	Prov. cost (Rs.Crs.)	Type	MOU date	Name of company
1	2	3	4	5	6	7
	Andhra Pradesh					
1.	Bhoopalapally	120 MW	420.000	Coal	18-02-95	Lewis Stanley Associates Inc.
2.	Cuddapah	420 MW	1470.000	Coal	18-02 95	Lewis Stanley Associates Inc.
3.	East Godavari	100 MW	350.000	Furnaceoil	18-02-92	Rayalaseema Petro Chemicals Ltd.
4.	Godavari	208 MW	748.430	Gas/Naptha	07-09-92	Spectrum Tech. USA/ Jaya Foods & NTPC
5.	Gopalpally	250 MW	875.000	Coal	18-02-95	Orient Paper & Industries
6.	Hyderabad	200 MW	700.000	Furnaceoil	18-02-95	Balaji Hotel & Enterprises Ltd.
7.	Hyderabad	200 MW	700.000	LSHS	18-02-95	G.M.R. Vasavi Industries Ltd.